Name: Period:

**Point Vs. Non-point Source Pollution & Places Effected**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Point or  Non-point | 1 common pollutant | 1 common pollutant | 1 common pollutant |
| Urban |  |  |  |  |
| Residential |  |  |  |  |
| Industrial |  |  |  |  |
| Wastewater Treatment Plant |  |  |  |  |
| Construction |  |  |  | XXXXXXXXXXX |
| Agriculture |  |  |  |  |

|  |  |  |
| --- | --- | --- |
|  | What is it? | Negative Effects |
| Sediment |  |  |
| Petroleum |  |  |
| Organic Waste |  |  |
| Detergent & Fertilizer | XXXXXXXXXXXX |  |
| Heated water | XXXXXXXXXXXX |  |

Name: **KEY** Period:

**Point Vs. Non-point Source Pollution & Places Effected**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Point or  Non-point | 1 common pollutant | 1 common pollutant | 1 common pollutant |
| Urban | Non-point | Sediments from bare soils; bacteria from wastes; nutrients from fertilizers | Oil from parking lots; gasoline; metals | Antifreeze and grease; pesticides; trash |
| Residential | Non-point | Lawn fertilizers; sediments; bacteria from pet wastes; oil drained from cars | Septic tank overflows; gasoline; detergents used to wash cars | Antifreeze and grease; pesticides; trash |
| Industrial | Point | Chemicals | Products | Oil/gas facilities |
| Wastewater Treatment Plant | Point | Nutrients | Bacteria | Sediments |
| Construction | Non-point | Sediments (soil, clay, silt) | Nutrients from fertilizers | XXXXXXXXXXXX |
| Agriculture | Non-point | Fertilizers (crops), sediments | Bacteria, ammonia | Pesticides, herbicides, insecticides |

|  |  |  |
| --- | --- | --- |
|  | What is it? | Negative Effects |
| Sediment | Particles of soil, sand, silt, clay, and minerals | Suffocate fish; sediments fill streams and channels |
| Petroleum | Oil, gasoline, kerosene | Kills aquatic life; birds can’t fly; shellfish/small fish are poisoned |
| Organic Waste | Sewage plants, food-processing plants, paper mill plants, leather-tanning factories | Bacteria in water increases, using up the oxygen in the water; fish die |
| Detergent & Fertilizer | XXXXXXXXXXXX | Toxic to fish; nitrogen and phosphate cause algal blooms; bacterial populations increase, using up the oxygen; aquatic animals die |
| Heated water | XXXXXXXXXXXX | Heat reduces the ability to dissolve oxygen, thus harming aquatic life; cold causes habitat damage |